

Application No. 10/086,351
Amendment dated June 5, 2006
Reply to Final Office Action of March 8, 2006

Docket No. 1232-4831

Amendments to the Claims:

Claims 1, 3-10, 12-17, 19 and 20 are pending in this application. Claims 1, 10 and 17 are independent.

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1 (CURRENTLY AMENDED): An information processing apparatus for displaying multimedia contents encoded by object-based coding on a display screen, comprising:

identifying means for searching the multimedia contents and thereby identifying a plurality of objects from the multimedia contents while the multimedia contents are displayed on the display screen, wherein each of the plurality of objects is associated with an executable function;

generating means for generating a list table of the plurality of objects identified by said identifying means;

setting means for setting a selection order for the plurality of objects identified by said identifying means based on the list table of the plurality of objects generated by said generating means; and

control means for controlling the selection order set in said setting means so that each of the plurality of objects is to be selected in turn and the associated function is executed upon receiving a command from a user.

2 (CANCELLED):

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3 (PREVIOUSLY PRESENTED): The apparatus according to claim 1, wherein said setting means determines an order in which the plurality of objects are laid out vertically, or an order in which the plurality of objects are laid out horizontally.

4 (PREVIOUSLY PRESENTED): The apparatus according to claim 1, wherein said control means comprises instruction means for instructing one of the plurality of objects determined by said determination means as the object to be selected.

5 (PREVIOUSLY PRESENTED): The apparatus according to claim 4, wherein said control means comprises means for changing an instruction of the object to be selected by said instruction means in accordance with the order set by said setting means.

6 (PREVIOUSLY PRESENTED): The apparatus according to claim 5, further comprising means for identifiably informing the user of the object instructed as the object to be selected by said instruction means.

7 (PREVIOUSLY PRESENTED): The apparatus according to claim 5, wherein said means for changing the instruction includes a button for switching the object to be selected by one touch in accordance with the order.

8 (ORIGINAL): The apparatus according to claim 1, wherein the object-based coding includes MPEG-4.

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9 (ORIGINAL): The apparatus according to claim 1, wherein said multimedia contents encoded by object-based coding include BIFS data, and said determination means determines objects based on said BIFS data.

10 (CURRENTLY AMENDED): A method of selecting an object out of a plurality of objects imposed on multimedia contents displayed on a display screen of an information processing apparatus, comprising the steps of:

searching the multimedia contents encoded by object-based coding;

identifying the plurality of objects from the multimedia contents, wherein each of the plurality of objects is set with an associated function;

generating a list table of the plurality of objects identified by said identifying step;

setting a selection order for the plurality of objects identified by said identifying step based on the list table of the plurality of objects generated by said generating step; and

controlling the selection order of the plurality of objects so that each of the plurality of objects is to be selected in turn and the associated function is executed upon receiving a command from a user.

11 (CANCELLED):

12 (PREVIOUSLY PRESENTED): The method according to claim 10, wherein the setting step includes the step of determining an order in which the plurality of objects are laid out vertically, or an order in which the plurality of objects are laid out horizontally.

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13 (PREVIOUSLY PRESENTED): The method according to claim 10, further comprising the step of identifiably informing the user of the object which is set as the object to be selected.

14 (PREVIOUSLY PRESENTED): The method according to claim 10, wherein the object to be selected is switched by a button for switching the object to be selected by one touch in accordance with the order.

15 (ORIGINAL): The method according to claim 10, wherein the object-based coding includes MPEG-4.

16 (CURRENTLY AMENDED): The method according to claim 10, wherein said multimedia contents encoded by object-based coding include BIFS data, and in said ~~determination~~ identifying step, objects are ~~determined~~ identified based on said BIFS data.

17 (CURRENTLY AMENDED): A storage medium for computer-readably storing a control program for for selecting an object out of a plurality of objects imposed on multimedia contents displayed on a display screen of an information processing apparatus, said control program comprising:

searching the multimedia contents encoded by object-based coding;

identifying the plurality of objects from the multimedia contents, wherein each of the plurality of objects is set with an associated function;

generating a list table of the plurality of objects identified by said identifying step;

setting a selection order for the plurality of objects identified by said identifying step based on the list table of the plurality of objects generated by said generating step; and

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controlling the selection order of the plurality of objects so that each of the plurality of object is to be selected in turn and the associated function is executed upon receiving a command from a user.

18 (CANCELLED):

19 (PREVIOUSLY PRESENTED): The storage medium of claim 17, wherein the object-based coding includes MPEG-4.

20 (CURRENTLY AMENDED): The storage medium of claim 17, wherein said multimedia contents encoded by object-based coding include BIFS data, and in said ~~determination~~ identifying step, objects are ~~determined~~ identified based on said BIFS data.